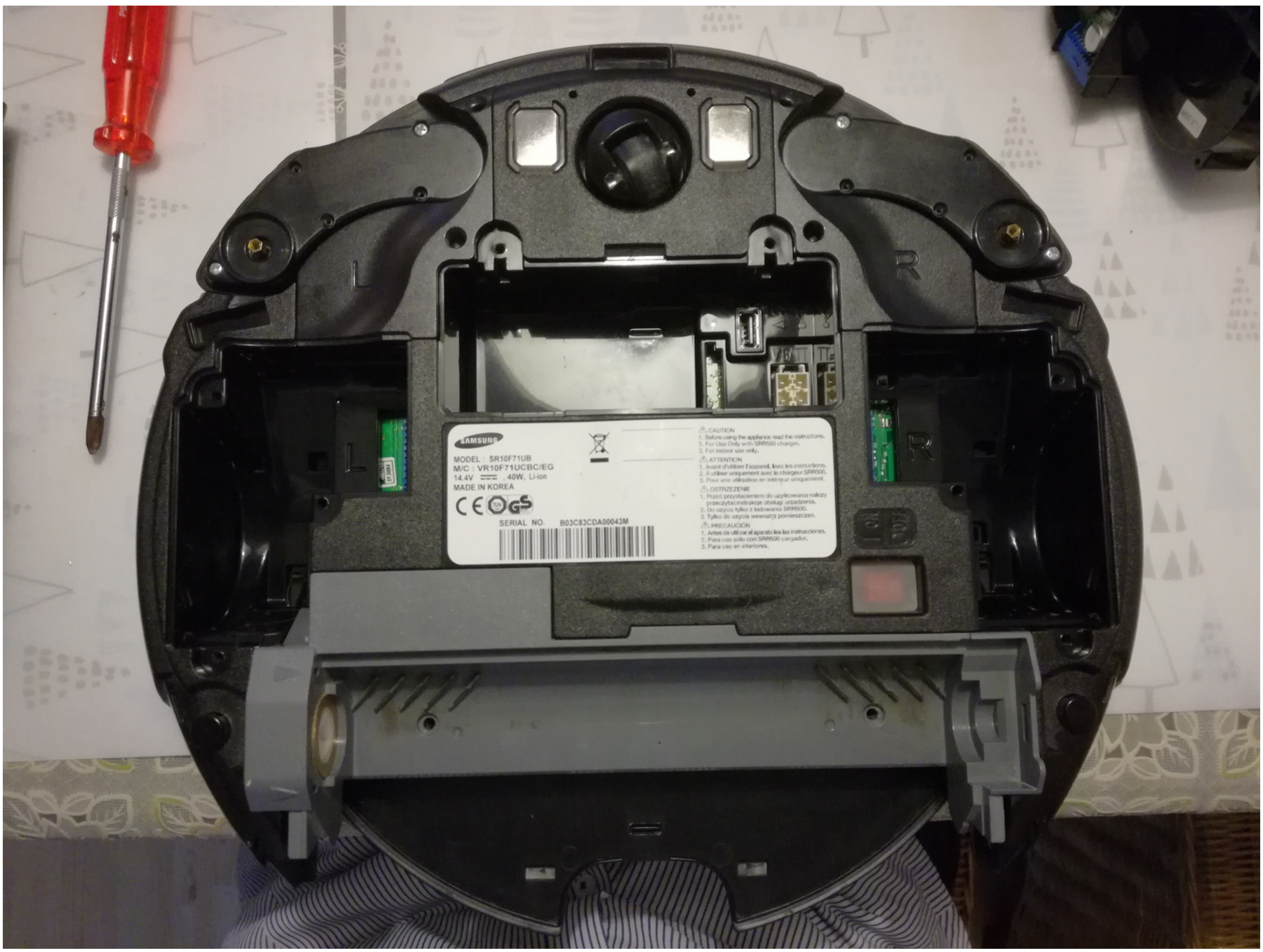
Samsung Navibot Cornerclean sr10f71ub Disassembly

Disassemble your Navibot sr10f71ub or similar type with movable arms

Written By: Chris



TOOLS:

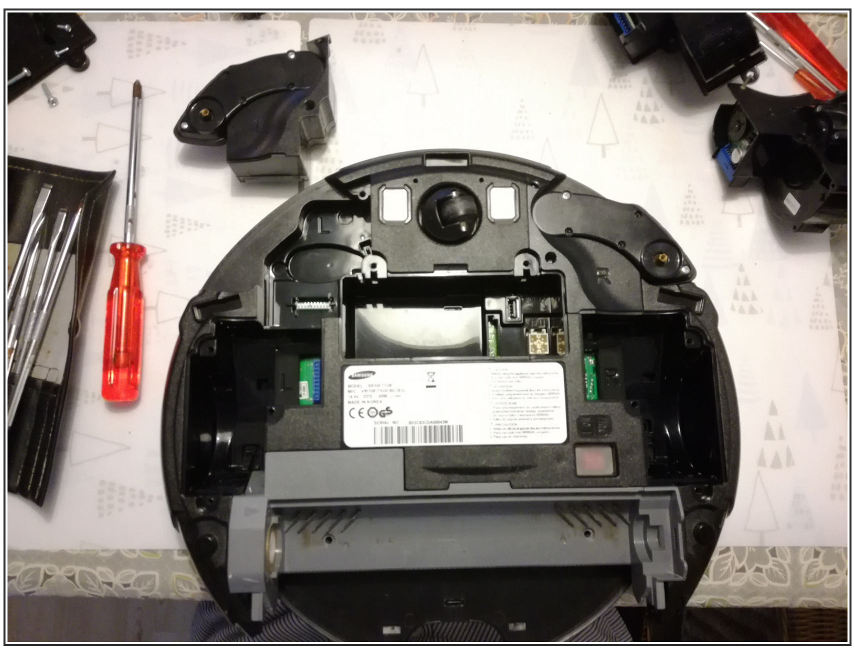
- Phillips #1 Screwdriver (1)
- Phillips #2 Screwdriver (1)
- Flathead Screwdriver (1)

Step 1 — Servicing arms and drive motors



- Start with turning off the main power switch and removing the battery below the center cover.
- Remove 3 screws from the motor drive unit, and lift our the motor unit. It's held in place by the power connector pins on the other side, so you have to pry a bit to get them out.
- You can open the motor units to clean them.

Step 2



- Remove 1x philips screw from the arm unit, then pull it out.
- Like the drive unit, it's held in place by a connector on the bottom.
- If your 'bot keeps getting it's arms stuck behind chairs etc.. you can remove the cover from the arm motor box, remove the spring inside it and use some hotsnot to keep the arm in retracted position.

Step 3 — Opening main body



- For opening the body of the robot you can leave the arms and drive motors in place. They will not hinder you.
- Remove 2 screws beneath the brush
- Remove 2 panels. They have clips on top and bottom side. You can see the clip on the bottom. Pry it loose. Then, on the top, pry it up with a screwdriver then slide the panel to the rear of he robot.

Step 4 — Remove top panel

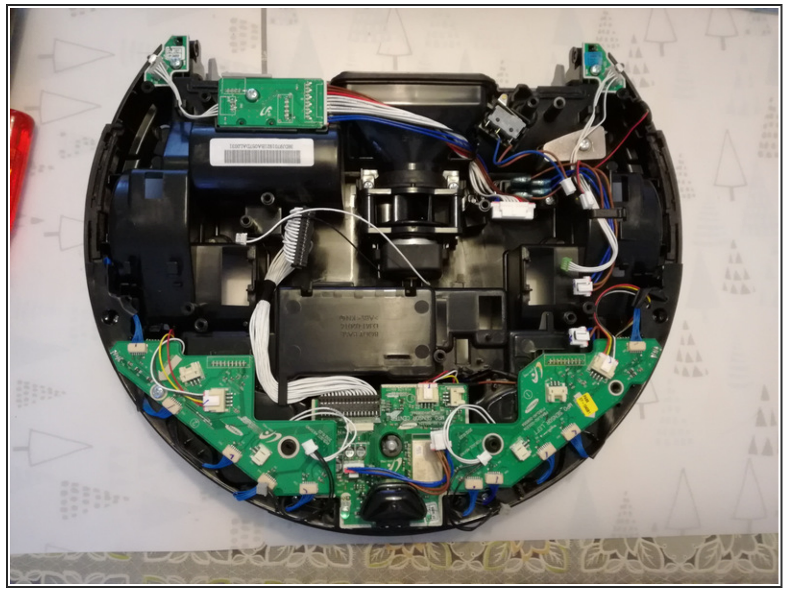




- It's just 2 screws for the decorative panel
- Then 6 screws for the housing top half

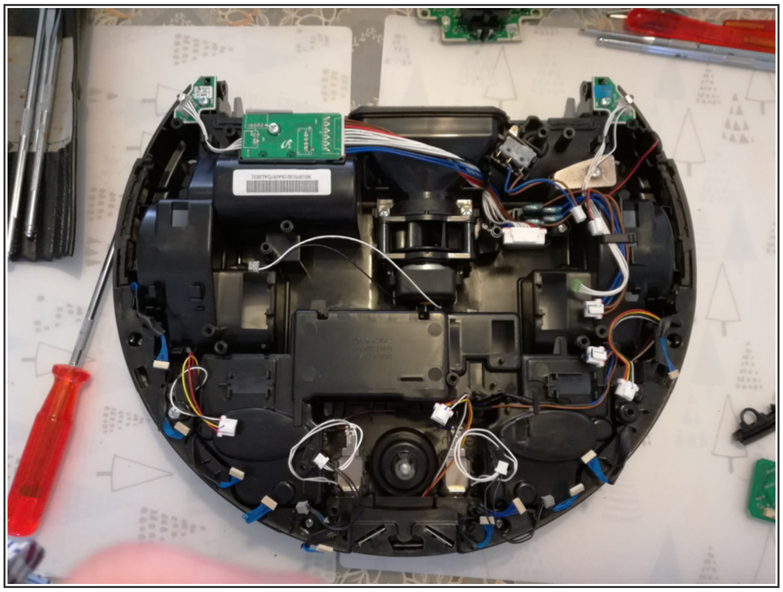
Step 5

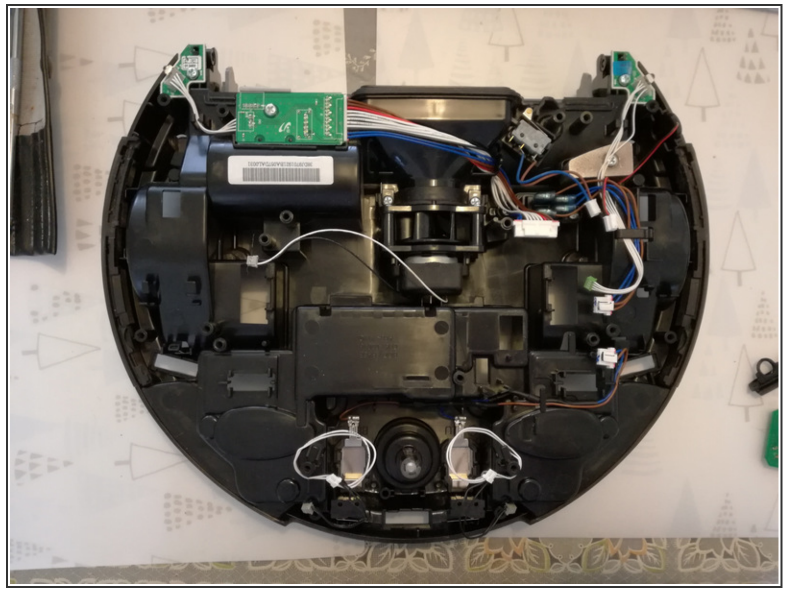




- The center cpu board is permanently fixed to the two boards on the side of it. You can't remove the white ribbon cables.
- Unplug everything else and unscrew the center cpu board and the print boards left and right of it.
- If you left the drive motors in place, you will need to lift the small print boards up, as the bottom of the board has a connector that is plugged into the motor.
- Finally you are left with the print boards on top of the arms. Careful with removing the blue cables, they are easy to damage and have a tight fit.
- If you left the arm assembly in place, you will have to lift the boards straight up because there is a connector on the bottom side of the board that is plugged into the arms assembly.

Step 6





- Finally you can remove the IR sensor bar on the front and access the vacuum + brush drive in the rear.
- The vaccuum motor is so small and has such a thin wire, you can already guess it has no power to speak of. ;)

To reassemble your device, follow these instructions in reverse order.

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